Ms. Marlene H. Dortch Secretary Federal Communications Commission 445 12th Street, SW Washington, DC 20554

RE:

Expression of Interest – Rural Broadband Experiments

Connect America Fund, WC Docket No. 10-90

Dear Ms. Dortch:

LaHarpe Telephone Company, Inc. is please to submit this expression of interest in the CAF Rural Broadband Experiments.

I. Entity Background

LaHarpe Telephone Company, Inc. (LaHarpe) is a family owned ILEC that has been providing telephone service to the LaHarpe exchange since 1903. LaHarpe obtained a RUS/USDA Telephone loan in 2005, and has installed a softswitch and FTTH in the LaHarpe exchange. Today, they have seventy three (73) miles of fiber and serve two-hundred seventy four (274) subscribers.

The LaHarpe service offering includes voice, broadband and video and exceeds 4 Mbps downstream/1.5 Mbps upstream. All locations on the fiber plant can also receive 6 Mbps downstream and at least 1.5 Mbps upstream, which is the base price for CAP carriers service offering by year five (5) of Phase II. LaHarpe serves the LaHarpe Elementary School and the Fire Department.

II. Potential Geographic Territory

Listed below are the twenty-three (23) tracts LaHarpe proposes to serve within the neighboring areas.

State	County Name	TractID	Eligible High Cost Locations	Extremely High Cost Locations	Annual Support	Square Miles	нн	Рор
KS	Allen	20001952600	349	138	\$206,966.46	272	982	2011
KS	Allen	20001952700	214	78	\$104,296.88	93	995	2174
KS	Allen	20001952800	10	0	\$4,939.93	12	1749	3999
KS	Allen	20001952900	108	14	\$42,458.29	13	1163	2367
KS	Allen	20001953000	399	125	\$224,911.05	114	1337	2820
KS	Anderson	20003953600	270	103	\$207,218.42	132	2322	5104
KS	Anderson	20003953700	820	394	\$542,184.91	452	1398	2998
KS	Coffey	20031966100	604	299	\$365,401.38	327	1228	2703
KS	Coffey	20031966200	472	237	\$203,269.49	302	1331	2947
KS	Coffey	20031966300	56	7	\$38,186.09	25	1405	2951
KS	Linn	20107955100	775	173	\$479,685.04	350	3215	5353
KS	Linn	20107955200	671	200	\$279,450.75	256	2231	4303
KS	Neosho	20133951600	583	171	\$304,084.67	246	1803	3933
KS	Neosho	20133951700	62	9	\$30,186.03	18	1245	2685
KS	Neosho	20133951800	55	15	\$31,040.90	17	1732	3832
KS	Neosho	20133951900	11	. 5	\$4,484.36	14	1496	3288
KS	Neosho	20133952000	579	210	\$337,075.05	283	1237	2774
KS	Wilson	20205097100	564	337	\$219,565.98	265	992	2084
KS	Wilson	20205097200	542	238	\$323,218.25	265	834	1525
KS	Wilson	20205097300	31	3	\$42,678.08	12	1394	2763
KS	Wilson	20205097400	115	16	\$68,422.59	33	1462	3037
KS	Woodson	20207096600	783	418	\$335,644.85	486	1117	1720
KS	Woodson	20207096700	58	1	\$39,919.46	19	905	1589

III. Broadband Technology

The initial technology planned for serving the LaHarpe extended offering is a combination of FTTH and point to multipoint WiMax802.16e. The system will deliver voice (future HD voice) and broadband within the proposed service area. The FTTH plant will deliver speeds in excess of the 4 Mbps downstream and 1 Mbps upstream. The WiMax system will have 32 Mbps throughput per sector and will be configured to offer individual customers' speeds in excess of the 4/1 requirement.

IV. Service Offerings

High Speed DSL Service

LaHarpe Video & Data Services Company, Inc., a sister company to LaHarpe Telephone Company, Inc. provides Internet access for those who hate to wait – lightning fast DSL. Up to 10-20 times faster than dial-up · Always on connection · No busy signals, no waiting to dial in · doesn't busy out your phone line.

Package	Download Speed (kbps)	Upload Speed (kbps)	DSL Price	DSL + Basic Video Package	
Bronze DSL	512	128	\$49.95	\$78.00	
Gold DSL	1024	256	\$69.95	\$93.00	

V. State, Local or Tribal Participation

LaHarpe's area of interest includes census blocks in seven (7) rural counties in southeast Kansas. They are Allen, Anderson, Coffey, Linn, Neosho, Wilson and Woodson counties. No state or local funding is available. The Osage Nation has a historic presence in all of these counties. LaHarpe will coordinate with the state, local and tribal organizations to ensure that rights of way are available for use and that permitting can be obtained. At this time, these requirements have not been defined.

County	State	Historic Tribes in Area
Allen	KS	Osage
Anderson	KS	Osage
Coffey	KS	Osage
Linn	KS	Osage
Neosho	KS	Osage
Wilson	KS	Osage
Woodson	KS	Osage

VI. Existing Providers

The existing service providers inside the tract include: BCI Broadband, CableOne, CenturyLink, City of Chanute, Cox, Craw-Kan, KanOkla, MediaCom, Peoples, Pixius, Sprint Nextel, T-Mobile, TwinMounds and Verizon

VII. List of Anchor Institutions

LaHarpe Potential Anchor Institutions based MARMATON VALLEY HIGH SCHOOL	MORAN	KS
MARMATON VALLEY ELEMENTARY SCHOOL	MORAN	KS
ALLEN COUNTY EMS - MORAN	MORAN	KS
MARMATON VALLEY USD 256 DISTRICT OFFICE	MORAN	KS
MORAN FIRE DEPARTMENT	MORAN	KS
MORAN PUBLIC LIBRARY	MORAN	KS
ALLEN COUNTY RURAL FIRE DISTRICT 3	ELSMORE	KS
SAVONBURG PUBLIC LIBRARY	SAVONBURG	KS
ALLEN COUNTY RURAL FIRE DISTRICT 3 STATION 2	SAVONBURG	KS
LAHARPE FIRE DEPARTMENT	LA HARPE	KS
LAHARPE ELEMENTARY SCHOOL	LA HARPE	KS
LAHARPE RURAL FIRE DEPARTMENT	LA HARPE	KS
CROSSROADS ALTERNATIVE SCHOOL	GAS CITY	KS
LINCOLN ELEMENTARY SCHOOL	IOLA	KS
ALLEN COUNTY COMMUNITY COLLEGE	IOLA	KS
IOLA FIRE AND EMS	IOLA	KS
IOLA USD 257 DISTRICT OFFICE	IOLA	KS
IOLA HIGH SCHOOL	IOLA	KS
IOLA POLICE DEPARTMENT	IOLA	KS
ALLEN COUNTY CORRECTIONAL FACILITY / SHERIFFS OFFICE	IOLA	KS
IOLA PUBLIC LIBRARY	IOLA	KS
IOLA MIDDLE SCHOOL	IOLA	KS
JEFFERSON ELEMENTARY SCHOOL	IOLA	KS
IOLA RURAL VOLUNTEER FIRE DEPARTMENT	IOLA	KS
ALLEN COUNTY HOSPITAL	IOLA	KS
MCKINLEY ELEMENTARY SCHOOL	IOLA	KS
IOLA AREA COMMUNITY CHRISTIAN SCHOOL	IOLA	KS
HUMBOLDT ELEMENTARY SCHOOL	HUMBOLDT	KS
HUMBOLDT PUBLIC LIBRARY	HUMBOLDT	KS
HUMBOLDT FIRE DEPARTMENT	HUMBOLDT	KS
ANW SPECIAL EDUCATION CO-OP 603	HUMBOLDT	KS
HUMBOLDT POLICE DEPARTMENT	HUMBOLDT	KS
HUMBOLDT USD 258 DISTRICT OFFICE	HUMBOLDT	KS

HUMBOLDT HIGH SCHOOL	HUMBOLDT	KS
HUMBOLDT MIDDLE SCHOOL	HUMBOLDT	KS
GREELEY FIRE DEPARTMENT	GREELEY	KS
GREELEY ELEMENTARY SCHOOL	GREELEY	KS
GRAHAM SCHOOL INC.	GARNETT	KS
ANDERSON COUNTY HIGH SCHOOL	GARNETT	KS
ANDERSON COUNTY FIRE DEPARTMENT	GARNETT	KS
ANDERSON COUNTY EMS	GARNETT	KS
ANDERSON COUNTY HOSPITAL	GARNETT	KS
GARNETT ELEMENTARY SCHOOL	GARNETT	KS
GARNETT PUBLIC LIBRARY	GARNETT	KS
HOLY ANGELS ELEMENTARY SCHOOL	GARNETT	KS
IRVING ELEMENTARY SCHOOL	GARNETT	KS
ANDERSON COUNTY SHERIFFS OFFICE /		
ANDERSON COUNTY JAIL	GARNETT	KS
GARNETT POLICE DEPARTMENT	GARNETT	KS
GARNETT FIRE DEPARTMENT	GARNETT	KS
GARNETT USD 365 DISTRICT OFFICE	GARNETT	KS
KANSAS HIGHWAY PATROL H - ANDERSON COUNTY	GARNETT	KS
HARRIS RURAL FIRE DEPARTMENT	GARNETT	KS
WESTPHALIA FIRE DEPARTMENT	WESTPHALIA	KS
WESTPHALIA GRADE SCHOOL	WESTPHALIA	KS
MONT IDA ELEMENTARY SCHOOL	WELDA	KS
KINCAID FIRE DEPARTMENT - LONE ELM	KINCAID	KS
CREST USD 479 DISTRICT OFFICE	COLONY	KS
CREST ELEMENTARY SCHOOL	COLONY	KS
CREST HIGH SCHOOL	COLONY	KS
COLONY FIRE DEPARTMENT	COLONY	KS
COLONY CITY LIBRARY	COLONY	KS
COLONY POLICE DEPARTMENT	COLONY	KS
WELDA VOLUNTEER FIRE DEPARTMENT	WELDA	KS
BUSH CITY FIRE DEPARTMENT	GARNETT	KS
KINCAID FIRE DEPARTMENT	KINCAID	KS
KINCAID CITY MARSHAL	KINCAID	KS
WAVERLY POLICE DEPARTMENT	WAVERLY	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 7	WAVERLY	KS
WAVERLY ELEMENTARY SCHOOL	WAVERLY	KS
WAVERLY PUBLIC LIBRARY	WAVERLY	KS
WAVERLY HIGH SCHOOL	WAVERLY	KS
LEROY ELEMENTARY SCHOOL	LEROY	KS
SOUTHERN COFFEY COUNTY HIGH SCHOOL	LEROY	KS

LE ROY POLICE DEPARTMENT	LEROY	KS
LEROY PUBLIC LIBRARY	LEROY	KS
LEROY-GRIDLEY USD 245 DISTRICT OFFICE	LE ROY	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 5	LEROY	KS
SOUTHERN COFFEY COUNTY JUNIOR HIGH		
SCHOOL	GRIDLEY	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 4	GRIDLEY	KS
GRIDLEY ELEMENTARY SCHOOL	GRIDLEY	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 9	HARTFORD	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 8	NEW STRAWN	KS
LEBO ELEMENTARY SCHOOL	LEBO	KS
LEBO HIGH SCHOOL	LEBO	KS
COTTON-O'NEIL CLINIC - LEBO	LEBO	KS
LEBO POLICE DEPARTMENT	LEBO	KS
LEBO PUBLIC LIBRARY	LEBO	KS
LEBO-WAVERLY USD 243 DISTRICT OFFICE	LEBO	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 6	LEBO	KS
BURLINGTON HIGH SCHOOL	BURLINGTON	KS
BURLINGTON MIDDLE SCHOOL	BURLINGTON	KS
COFFEY COUNTY HOSPITAL	BURLINGTON	KS
COFFEY COUNTY AND BURLINGTON PUBLIC	Catalana Co	
LIBRARY	BURLINGTON	KS
COFFEY COUNTY FIRE DISTRICT 1 STATION 3	BURLINGTON	KS
COFFEY COUNTY COURTHOUSE	BURLINGTON	KS
BURLINGTON ELEMENTARY SCHOOL	BURLINGTON	KS
COFFEY COUNTY SPECIAL EDUCATION CO-OP	BURLINGTON	KS
BURLINGTON USD 244 DISTRICT OFFICE	BURLINGTON	KS
COFFEY COUNTY SHERIFFS OFFICE / COFFEEY		
COUNTY JAIL	BURLINGTON	KS
BURLINGTON POLICE DEPARTMENT	BURLINGTON	KS
PARKER POLICE DEPARTMENT	PARKER	KS
PARKER PUBLIC LIBRARY	PARKER	KS
LINN COUNTY RURAL FIRE DISTRICT 1 STATION 940	PARKER	KS
PRAIRIE VIEW USD 362 DISTRICT OFFICE	LACYGNE	KS
LA CYGNE FIRE DEPARTMENT	LACYGNE	KS
EMERGYSTAT AMBULANCE SERVICE	LACYGNE	KS
LINN VALLEY VOLUNTEER FIRE DEPARTMENT	LINN VALLEY	KS
LINN VALLEY VOLUNTEER FIRE DEPARTMENT	LINN VALLEY	KS
LINN VALLEY POLICE DEPARTMENT	LINN VALLEY	KS
LINN COUNTY RURAL FIRE DISTRICT 1 STATION 950	LACYGNE	KS

LACYGNE ELEMENTARY SCHOOL	LACYGNE	KS
LACYGNE PUBLIC LIBRARY	LACYGNE	KS
LA CYGNE POLICE DEPARTMENT	LACYGNE	KS
PRAIRIE VIEW HIGH SCHOOL	LACYGNE	KS
PRAIRIE VIEW MIDDLE SCHOOL	LACYGNE	KS
LINN COUNTY RURAL FIRE STATION 930	CENTERVILLE	KS
LINN COUNTY RURAL FIRE DISTRICT 1 STATION 970	BLUE MOUND	KS
BLUE MOUND ELEMENTARY SCHOOL	BLUE MOUND	KS
BLUE MOUND PUBLIC LIBRARY	BLUE MOUND	KS
JAYHAWK USD 346 DISTRICT OFFICE	MOUND CITY	KS
MARY SOMMERVILLE LIBRARY	MOUND CITY	KS
LINN COUNTY RURAL FIRE DISTRICT 1 STATION 910	MOUND CITY	KS
LINN COUNTY SHERIFFS OFFICE / LINN COUNTY JAIL	MOUND CITY	KS
LINN COUNTY DISTRICT COURT - JUDICIAL DISTRICT #6	MOUND CITY	KS
MOUND CITY POLICE AND FIRE DEPARTMENT	MOUND CITY	KS
JAYHAWK ELEMENTARY SCHOOL	MOUND CITY	KS
JAWHAWK-LINN HIGH SCHOOL	MOUND CITY	KS
PLEASANTON USD 344 DISTRICT OFFICE	PLEASANTON	KS
PLEASANTON ELEMENTARY SCHOOL	PLEASANTON	KS
PLEASANTON HIGH SCHOOL	PLEASANTON	KS
PARKER ELEMENTARY SCHOOL	PARKER	KS
LINCOLN LIBRARY	PLEASANTON	KS
LINN COUNTY RURAL FIRE STATION 920	PLEASANTON	KS
EMERGYSTAT AMBULANCE SERVICE	PLEASANTON	KS
PLEASANTON POLICE AND FIRE DEPARTMENT	PLEASANTON	KS
PRESCOTT CITY LIBRARY	PRESCOTT	KS
LINN COUNTY RURAL FIRE DISTRICT 1 STATION 960	PRESCOTT	KS
ST. PAUL MIDDLE SCHOOL	ST. PAUL	KS
ST. PAUL HIGH SCHOOL	ST. PAUL	KS
ST. PAUL ELEMENTARY SCHOOL	ST. PAUL	KS
SAINT PAUL MISSION TOWNSHIP FIRE		
DEPARTMENT	ST. PAUL	KS
GRAVES MEMORIAL PUBLIC LIBRARY	ST. PAUL	KS
STARK FIRE DEPARTMENT	STARK	KS
ERIE FIRE DEPARTMENT	ERIE	KS
ROYSTER MIDDLE SCHOOL	CHANUTE	KS
LINCOLN PRESCHOOL	CHANUTE	KS

CHANUTE ELEMENTARY SCHOOL	CHANUTE	KS
NEOSHO MEMORIAL REGIONAL MEDICAL CENTER	N/A	KS
MURRAY HILL ELEMENTARY SCHOOL	CHANUTE	KS
NEOSHO COUNTY COMMUNITY COLLEGE	N/A	KS
CHANUTE CHRISTIAN ACADEMY	CHANUTE	KS
KANSAS HIGHWAY PATROL - EAST REGION TROOP		
H	CHANUTE	KS
CHANUTE USD 413 DISTRICT OFFICE	N/A	KS
CHANUTE PUBLIC LIBRARY	N/A	KS
HUTTON ELEMENTARY SCHOOL	CHANUTE	KS
CHANUTE POLICE AND FIRE DEPARTMENT	CHANUTE	KS
TRANSCARE OF KANSAS LLC	CHANUTE	KS
ST PATRICK CATHOLIC SCHOOL	CHANUTE	KS
GALESBURG VOLUNTEER FIRE DEPARTMENT	GALESBURG	KS
GALESBURG MIDDLE SCHOOL	GALESBURG	KS
THAYER FIRE DEPARTMENT	THAYER	KS
THAYER FRIDAY READING CLUB CITY LIBRARY	THAYER	KS
THAYER ELEMENTARY SCHOOL	THAYER	KS
WILSON COUNTY RURAL FIRE STATION 8	BUFFALO	KS
ALTOONA-MIDWAY USD 387 DISTRICT OFFICE	ALTOONA	KS
ALTOONA-MIDWAY MIDDLE / HIGH SCHOOL	BUFFALO	KS
WILSON COUNTY RURAL FIRE STATION 15	BENEDICT	KS
WILSON COUNTY RURAL FIRE STATION 5	BENEDICT	KS
ALTOONA-MIDWAY ELEMENTARY SCHOOL	ALTOONA	KS
WILSON COUNTY RURAL FIRE STATION 1	ALTOONA	KS
ALTOONA PUBLIC LIBRARY	ALTOONA	KS
ALTOONA FIRE DEPARTMENT	ALTOONA	KS
WILSON COUNTY RURAL FIRE STATION 10	ALTOONA	KS
WILSON COUNTY RURAL FIRE STATION 11	NEODESHA	KS
WILSON COUNTY RURAL FIRE STATION 18	COYVILLE	KS
WILSON COUNTY RURAL FIRE STATION 13	FREDONIA	KS
WILSON COUNTY RURAL FIRE STATION 7	NEW ALBANY	KS
WILSON COUNTY RURAL FIRE STATION 3	FREDONIA	KS
WILSON COUNTY RURAL FIRE STATION 6	FREDONIA	KS
WILSON COUNTY RURAL FIRE STATION 4	FREDONIA	KS
LINCOLN ELEMENTARY SCHOOL	FREDONIA	KS
WILSON COUNTY SHERIFFS OFFICE / WILSON	TREDONIA	IND
COUNTY JAIL	FREDONIA	KS
KANSAS HIGHWAY PATROL TROOP H - WILSON	FREDONIA	KS
FREDONIA FIRE DEPARTMENT	FREDONIA	KS
FREDONIA REGIONAL HOSPITAL	FREDONIA	KS
FREDONIA PUBLIC LIBRARY	FREDONIA	KS

FREDONIA MIDDLE SCHOOL	FREDONIA	KS
FREDONIA FIRE DEPARTMENT	FREDONIA	KS
FREDONIA HIGH SCHOOL	FREDONIA	KS
FREDONIA USD 484 DISTRICT OFFICE	FREDONIA	KS
FREDONIA POLICE DEPARTMENT	FREDONIA	KS
WILSON COUNTY RURAL FIRE STATION 17	NEODESHA	KS
NEODESHA HIGH SCHOOL	NEODESHA	KS
HELLER ELEMENTARY SCHOOL	NEODESHA	KS
W. A. RANKIN MEMORIAL LIBRARY	NEODESHA	KS
WILSON MEDICAL CENTER	NEODESHA	KS
NEODESHA FIRE AND EMS	NEODESHA	KS
NEODESHA POLICE DEPARTMENT	NEODESHA	KS
NEODESHA USD 461 DISTRICT OFFICE	NEODESHA	KS
NORTH LAWN ELEMENTARY SCHOOL	NEODESHA	KS
NEOSHO FALLS FIRE DEPARTMENT	NEOSHO FALLS	KS
VERNON FIRE BARN	VERNON	KS
PIOUA FIRE DEPARTMENT		
FIQUA FIRE DEPARTMENT	PIQUA YATES	KS
BARNEY FIRE DEPARTMENT	CENTER	KS
	YATES	110
CLEO COPE FIRE BARN	CENTER	KS
	YATES	
STEINFORTH FIRE BARN	CENTER	KS
	YATES	
HENRY EGGERS FIRE BARN	CENTER	KS
RANGER OFFICE - TORONTO STATE PARK	TORONTO	KS
TORONTO PUBLIC LIBRARY	TORONTO	KS
TORONTO FIRE DEPARTMENT	TORONTO	KS
	YATES	
WOODSON COUNTY FIRE STATION	CENTER	KS
	YATES	
WOODSON USD 366 DISTRICT OFFICE	CENTER	KS
VATEG GENTER HIGH GGHOOF	YATES	77.0
YATES CENTER HIGH SCHOOL	CENTER	KS
YATES CENTER POLICE DEPARTMENT	YATES CENTER	KS
TATES CENTER POLICE DEPARTMENT	YATES	Ko
YATES CENTER PUBLIC LIBRARY	CENTER	KS
THE TAX I A STATE OF THE STATE	YATES	12.0
WOODSON COUNTY AMBULANCE SERVICE	CENTER	KS
WOODSON COUNTY SHERIFFS OFFICE / WOODSON	YATES	
COUNTY JAIL	CENTER	KS
YATES CENTER VOLUNTEER FIRE DEPARTMENT	YATES	KS

	CENTER	
	YATES	1 1 1 1 1 1 1 1
YATES CENTER ELEMENTARY SCHOOL	CENTER	KS

VIII. Funding Proposed

The cost to construct the unserved areas of the twenty three (23) tracts is provided in the table below.

Summary				
Fiber Backbone	\$ 14,356,000.00			
Fiber Electronics	\$ 500,000.00			
Towers	\$ 3,862,500.00			
GRAND TOTAL	\$ 18,718,500.00			

IX. Project Timeline

LaHarpe Telephone Company anticipates a three (3) year time requirement to complete construction in the area. LaHarpe will require an up-front lump sum payment to be able to construct the facility.

X. Comments

In addition to the lump sum capital required to construct the facility, LaHarpe will be require an annual amount of \$935,925 to cover a portion of the operation expenses.

LaHarpe Telephone Company appreciates the opportunity to submit an expression of interest.

Respectfully submitted,

Harry Lee, Jr.

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President

LaHarpe Telephone